

**Optimizing Federal, State, and Local Response to Public Health Emergencies
A Virtual Workshop**

May 30-31, 2024

Speaker Biographies

Amy Acton, M.D., M.P.H., is a physician and community leader who has spent over 30 years pursuing her passion for public health and wellness. She is in private practice in preventive medicine and public health. Formerly, she was director of the Ohio Department of Health (ODH) during early days of the COVID pandemic. Under her leadership as state health director, Ohio created the first ODH deputy director position focused on mobilizing federal and state resources to promote health equity, inclusion and opportunity for all Ohioans.

Acton received a Profile in COVID Courage Award from the John F. Kennedy Library Foundation in 2021. She received The Columbus Foundation's 2020 Spirit of Columbus Award and is a recipient of Ohio State University's (OSU) highest alumni honor - The Ohio State Alumni Medalist Award. In 2020, Acton received an honorary degree from the Northeastern Ohio University College of Medicine (NEOMED) Board of Trustees, in recognition of accomplishments including her service as the public face – and to many, the guiding spirit – of Ohio medical leadership in the early months of the COVID-19 pandemic.

Acton received her master's degree in public health from OSU and her medical degree from NEOMED. She completed internships in pediatrics at Albert Einstein College of Medicine in New York City and at Nationwide Children's Hospital and residency in preventive medicine at OSU. Acton has taught in the OSU College of Medicine and Public Health and the Center for Injury Research and Policy at the Research Institute at Nationwide Children's Hospital. She previously directed Project L.O.V.E. in Columbus, an initiative of local hospitals to Love Our Kids, Vaccinate Early. She also worked for the Columbus Foundation as a community research and grants management officer.

Allison Berry, M.D., serves as the Health Officer for both Clallam and Jefferson counties. Dr. Berry has been Clallam County's Health Officer since 2018, and she was appointed by the Jefferson County Board of Health in 2021. Berry was trained in biostatistics and epidemiology at Johns Hopkins University.

Deborah Birx, M.D., has spent her career serving the United States, first as an Army Colonel and later, running some of the most high-profile and influential programs at the U.S. Centers for Disease Control and Prevention and U.S. Department of State. As a world-renowned medical expert and leader, she has focused her work on clinical and basic immunology, infectious disease, pandemic preparedness, vaccine research, and global health. Most recently, Birx served as the White House Coronavirus Response Coordinator, where she used complex data integration to drive decision making and worked closely with state officials across the country to provide state-specific advice and guidance.

In 1985, Birx began her career with the Department of Defense (DoD) as a military trained clinician in immunology, focusing on HIV/AIDS vaccine research. Through her professionalism and leadership in the

field, she progressed to serve as the Director of the U.S. Military HIV Research Program (USMHRP) at the Walter Reed Army Institute of Research from 1996-2005. Birx led RV 144, or the Thai trial, one of the most influential HIV vaccine trials in history, which provided the first supporting evidence of any vaccine's potential effectiveness in preventing HIV infection. During this time, she also rose to the rank of Colonel, bringing together the Navy, Army, and Air Force in a new model of cooperation — increasing the efficiency and effectiveness of the U.S. Military's HIV/AIDS efforts through inter- and intra-agency collaboration. She was awarded two prestigious U.S. Meritorious Service Medals and the Legion of Merit Award for her groundbreaking research, leadership and management skills. From 2005-2014, Birx served as the Director of Center for Disease Control and Prevention (CDC's) Division of Global HIV/AIDS (DGHA). In 2014, she became an Ambassador-at-Large, when she assumed the role of the Coordinator of the United States Government Activities to Combat HIV/AIDS and U.S. Special Representative for Global Health Diplomacy. As the U.S. Global AIDS Coordinator, she oversaw the U.S. President's Emergency Plan for AIDS Relief (PEPFAR), the largest commitment by any nation to combat a single disease in history, as well as all U.S. Government engagement with the Global Fund to Fight AIDS, Tuberculosis and Malaria.

Birx received her medical degree from the Hershey School of Medicine, Pennsylvania State University, and she trained in internal medicine and basic and clinical immunology at the Walter Reed Army Medical Center and the National Institutes of Health. She is board certified in internal medicine, allergy and immunology, and diagnostic and clinical laboratory immunology.

Sara Cody, M.D., has served as the Health Officer for the County of Santa Clara since 2013, and as the Director of Public Health since 2015. She is currently the 2023-2024 Policy Fellow at the Stanford Center for Advanced Study in the Behavioral Sciences where she is finishing a sabbatical. Santa Clara County was an early COVID hotspot, recording some of the earliest COVID cases and the first COVID death in the country. Cody led a coalition of counties in the San Francisco Bay Area that issued identical shelter-in-place orders on March 16, 2020, the first such orders in the country. The San Francisco Bay Area avoided exceeding hospital capacity, and by July 2021 recorded a COVID death rate that was well below that of California and less than half that of the U.S. In 2020, Cody chaired the Big Cities Health Coalition (BCHC) and received the American Public Health Association's Milton and Ruth Romer Prize for creative local public health work.. Cody received her undergraduate degree from Stanford University, her medical degree from Yale University, and served as a Center for Disease Control and Prevention Epidemic Intelligence Service Officer before joining the Santa Clara County Public Health Department where she has worked for over 25 years.

Thomas E. Dobbs III, M.D., assumed the role of dean of the John D. Bower School of Population Health on August 1, 2022. In addition to this role, he teaches epidemiology for the School of Population Health and the School of Health-Related Professions. He has a clinical position within the Division of Infectious Disease, working specifically in the fields of HIV and sexually transmitted infections with a focus on the intersection of disease and the social determinants of health.

Dobbs has a long career working at the crossroads of clinical medicine and public health as a physician, researcher and public health leader. He has held numerous leadership roles within the Mississippi State Department of Health including state epidemiologist and state health officer (a role through which he directed the state's response to the COVID pandemic). In his role as state health officer, he focused the agency on addressing the numerous health inequities that plague our state. Additionally, he has worked in leadership roles nationally and internationally in the fight against diseases such as HIV and tuberculosis.

Dobbs completed his undergraduate degree in applied physics at Emory University and medical school at the University of Alabama (UAB) at Birmingham. He completed an Internal Medicine residency at UAB and an Infectious Diseases fellowship at Wake Forest and UAB.

Abigail Echo-Hawk is an enrolled citizen of the Pawnee Nation of Oklahoma. She is currently the Executive Vice President at Seattle Indian Health Board and the Director of Urban Indian Health Institute.

Echo-Hawk is part of multiple committees, Boards, and workgroups including the Best Starts for Kids Board, the March of Dimes Health Equity Workgroup, the Tribal Collaboration Working Group of the National Institute of Drug Abuse, the National Institute of Health's All of Us Research Program, the Advisory Committee for Health Equity Research at the Robert Wood Johnson Foundation, the American Indian and Alaska Native Collaborative Research Engagement Workgroup, and the Board of Data for Indigenous Justice.

Echo-Hawk spent eight years as the Tribal Liaison with Partnerships for Native Health at the School of Public Health at The University of Washington. In 2016, she became the Co-director of Partnerships of Native Health at the Washington State University Institute for Research and Education to Advance Community Health. Abigail was also the Tribal Relationship Facilitator at the Institute of Translational Health Sciences at the University of Washington from 2010 to 2015. In 2015, she became a Board Member for the Center for Indigenous Law and Justice.

Echo-Hawk has a Bachelor of Arts degree in Interdisciplinary Studies and a Master of Arts degree in Policy Studies, both from the University of Washington. She is an expert in American Indian and Alaska Native health, including strengths and resiliencies as well as deficits and disparities.

Tom Inglesby is the Director of the Johns Hopkins Center for Health Security at the Johns Hopkins Bloomberg School of Public Health where he works in the fields of public health preparedness, pandemic and emerging infectious disease, and prevention of and response to biological threats. During the COVID response, Dr. Inglesby served as Senior Policy Advisor for the COVID response in the Office of the U.S. Department of Health and Human Services Secretary and then as Senior COVID Advisor at the U.S. White House where he served as National Coordinator for Testing.

Ashish Jha, M.D., joined the Brown School of Public Health as dean in September 2020. An accomplished and practicing physician, Jha is recognized globally as a trusted expert on major issues impacting public health, and a catalyst for new thinking and approaches. A long-time leader on pandemic preparedness and response, from directing groundbreaking research on Ebola to serving on the frontlines of the COVID-19 response, he has led national and international analysis of key issues and advised local and federal policy makers around the world.

President Joe Biden appointed Jha as White House COVID-19 Response Coordinator in March 2022, describing him as "one of the leading public health experts in America." Jha led the work that increased the development of and access to treatments and newly formulated vaccines, dramatically improved testing and surveillance, facilitated major investments in indoor air quality measures, and put in place an infrastructure to respond to current and future disease outbreaks more effectively. He has received bipartisan praise for his pragmatic approach to public health that, in the words of President Biden, "translates...complex scientific challenges into concrete actions" that help improve millions of lives.

Before joining the Brown School of Public Health, Jha was a professor at the Harvard T.H. Chan School of Public Health and Harvard Medical School. He was the faculty director of the Harvard Global Health Institute from 2014 until 2020 and has held other various leadership roles at the Harvard T.H. Chan School of Public Health.

Jha has published nearly three hundred original research publications in prestigious journals and has consistently been ranked in the top 1% of most cited researchers. He is also a frequent contributor to a

range of public media across the political spectrum, focused on how science and evidence can be used to craft better policy and improve health both in the US and around the globe.

Jha graduated Magna Cum Laude from Columbia University with a B.A. in economics. He received his M.D. from Harvard Medical School in 1997 and then trained as a resident in Internal Medicine at the University of California, San Francisco. In 2004, he completed his Master of Public Health degree at the Harvard T.H. Chan School of Public Health. Jha was elected to the National Academy of Medicine in 2013.

Eric Klinenberg, Ph.D., is Helen Gould Shepard Professor in the Social Sciences and Director of the Institute for Public Knowledge at New York University (NYU). He has affiliated appointments at NYU Wagner, the NYU Department of Media, Culture, and Communication, and the NYU School of Global Public Health. His research projects focus on cities, climate change, democracy, culture, health, media, technology, and social policy. Eric also serves as Research Director of Rebuild by Design, which began as a federal competition to generate innovative infrastructure plans for the region affected by Hurricane Sandy, and now helps cities around the world transform to address climate change.

Klinenberg's most recent book is *Palaces for the People: How Social Infrastructure Can Help Fight Inequality, Polarization, and the Decline of Civic Life* (Crown Publishing, 2018). The book argues that the future of democratic societies rests not simply on shared values but on shared spaces: the libraries, childcare centers, bookstores, churches, synagogues, and parks that help us form crucial, sometimes life-saving connections. Klinenberg is the coauthor, with Aziz Ansari, of *Modern Romance*, a unique blend of social science and humor that has been translated throughout the world. His acclaimed books included *Going Solo: The Extraordinary Rise and Surprising Appeal of Living Alone*, *Heat Wave: A Social Autopsy of Disaster in Chicago*, and *Fighting for Air: The Battle to Control America's Media*. He is also coeditor of *Anti-Democracy in America* and editor of *Climate Change and the Future of Cities*.

Klinenberg has published in the *American Sociological Review*, *Theory & Society*, the *American Journal of Public Health*, and *Ethnography*. In addition to his scholarship, he has contributed to *The New Yorker*, the *New York Review of Books*, the *New York Times Magazine*, the *Atlantic*, the *London Review of Books*, and *This American Life*. Klinenberg's current book project, *2020: A Social Autopsy*, will be published by Alfred A. Knopf.

Klinenberg received his Bachelor's from Brown University and his Ph.D. in Sociology from the University of California, Berkeley.

Kapil Longani, J.D., is the Senior Vice Chancellor for Legal Affairs and General Counsel for the State University of New York.

Longani has had a distinguished career in public service, which he attributes to his immigrant parents who instilled in him a strong belief in the power of government to improve lives. His deep commitment to justice, fairness, and equity has taken him around the globe, from implementing South Africa's post-Apartheid Constitution, to serving as the minority staff's lead investigator for the Committee on Oversight and Government Reform in the U.S. House of Representatives' most high profile and significant investigations, including the Flint water crisis, to serving 8.6 million New Yorkers as Chief Counsel to the Mayor of New York City.

In addition to serving as the solutions czar and top lawyer to the Mayor of New York City, Longani has worked as Senior Counsel to Ranking Member Elijah E. Cummings. Prior to his work in Congress, he served as an Assistant U.S. Attorney for the District of Columbia, where he prosecuted cases involving sexual assault, homicide, robbery, narcotics, and illegal firearms. Longani previously worked as a litigator in New York City at Skadden, Arps, Slate, Meagher & Flom LLP, and served as a law clerk to the

Honorable Judge Roger L. Gregory of the U.S. Court of Appeals for the Fourth Circuit and the Honorable Judge Richard Smoak of the U.S. District Court for the Northern District of Florida. He has also taught as an adjunct professor of law at Brooklyn Law School, and served as a Policing Project Fellow at NYU Law School.

Longani holds an undergraduate degree from Cornell University and legal degrees from the University of Florida, Yale, and Oxford University.

Rachel Lookadoo is an Assistant Professor in the Department of Environmental, Agricultural, and Occupational Health at the College of Public Health at the University of Nebraska Medical Center and serves as the Director of Legal and Public Health Preparedness for the Center for Preparedness and Emergency Response Solutions. She also acts as the Director of Public Health Policy for the Water, Climate, and Health program at the University of Nebraska Medical Center. Lookadoo's background is as an attorney, and her research focuses on the various legal and regulatory issues that can arise in emergency preparedness and response. In addition to general legal preparedness, she specializes in crisis standards of care, healthcare surge events, isolation/quarantine law, infectious disease response, and public health impacts of climate change and extreme climate events.

One of the primary aims of Lookadoo's work is to translate preparedness policy and research findings into practical tools and education for healthcare workers, public health practitioners, and the broader community. Lookadoo co-led the development of the Nebraska state crisis standards of care plan, which was codified into state law as the Nebraska Health Care Crisis Protocol in 2021. She also co-authored the first comprehensive drought and health assessment in the United States, along with corresponding messaging guidelines for frontline healthcare workers to use with patients in drought-stricken communities. Lookadoo received her Juris Doctor degree from American University Washington College of Law.

Gene W. Matthews, J.D., is a public health law consultant and an adjunct professor at the University of North Carolina (UNC) Gillings School of Global Public Health in Chapel Hill, NC. He previously served as director of the Southeastern Region of the Network for Public Health Law and as a Senior Investigator at UNC's North Carolina Institute for Public Health. Matthews previously served as chief legal advisor to Center for Disease Control and Prevention (CDC) in Atlanta from 1979 to 2004, directing a legal staff that grew to 30 persons. During that 25-year span, he handled a wide range of precedent-setting public health law issues and litigated key public health lawsuits and civil discovery cases. Since 2000, Matthews has provided leadership for the founding and development of the modern public health law movement. After his CDC career, he also taught courses on leadership in health law and ethics for the UNC Doctoral Program in Health Leadership.

Matthews is widely published and is frequently called upon to lecture on cutting-edge legal issues such as public health messaging to promote health equity in a polarized political environment, the improvement of political skill sets in our public health workforce, and future trends in public health leadership and legal authority. He is a recipient of the Lifetime Achievement Award presented by the American Public Health Association (APHA) Public Health Law Section.

Michelle Mello, J.D., Ph.D., is Professor of Law at Stanford Law School and Professor of Health Policy in the Department of Health Policy at Stanford University School of Medicine. She conducts empirical research into issues at the intersection of law, ethics, and health policy. She is the author of more than 250 articles on medical liability, public health law, the public health response to COVID-19, pharmaceuticals and vaccines, data ethics and privacy, artificial intelligence, research ethics and governance, and other topics.

The recipient of a number of awards for her research, Mello was elected to the National Academy of Medicine at the age of 40. From 2000 to 2014, she was a professor at the Harvard School of Public Health, where she directed the School's Program in Law and Public Health.

Mello teaches in the areas of torts, public health law, and health policy. She holds a J.D. from the Yale Law School, a Ph.D. in Health Policy and Administration from the University of North Carolina at Chapel Hill, an M.Phil. from Oxford University, where she was a Marshall Scholar, and a B.A. from Stanford University.

Aisha K. Mix, D.N.P., is a captain in the U.S. Public Health Service. She served as as Chief Nurse Officer for from October 2019 until September 2023. As Chief Nurse Officer, Mix advised the U.S. Department of Health and Human Services Office and the Office of the Surgeon General and the on the recruitment, assignment, deployment, retention, and career development of nurse professionals and is responsible for providing leadership to Commissioned Corps and civilian nurses. She serves as the Senior Health Policy Administrator for the U.S. Department of Homeland Security (DHS), U.S. Immigration and Customs Enforcement (ICE), ICE Health Service Corps (IHSC). IHSC provides on-site direct patient care at 20 facilities throughout the country and manages the provision of off-site medical care for those housed in approximately 240 additional facilities. Mix is the most senior professional in health policy at IHSC, and manages a team focused on the enhancement of health care delivery within IHSC facilities.

With over 20 years in nursing, Mix has performed as a clinician, public health practitioner, educator, and emergency manager, thereby rendering stellar contributions to nursing and public health throughout her career. She commissioned into the U.S. Public Health Service (USPHS) in 2006 as a public health analyst for the Health Resources and Services Administration (HRSA). At HRSA, Mix mobilized the nursing community to increase awareness of nursing workforce diversity, designed strategies to increase retention and graduation rates for nursing students from disadvantaged backgrounds, and developed policies and programs to enhance access to care for underserved communities. Mix's varied assignments, while at HRSA, reflect her passion and focus on health equity, health workforce, and community-level engagement to improve population health outcomes.

Mix maintains licensure as a registered nurse and is a board-certified National Healthcare Disaster Professional. She graduated with her Bachelor of Science and Master of Science degrees in Nursing from Hampton University in Hampton, Virginia, and she completed her Master of Public Health degree at Johns Hopkins University in Baltimore, Maryland. Mix received her Doctor of Nursing Practice degree, with a focus on educational leadership, from Case Western Reserve University in Cleveland, Ohio and remains linked to nursing education through adjunct faculty appointments in graduate nursing education.

Wendy Parmet, J.D., is a leading expert on health, disability and public health law and directs Northeastern University Law School's Center for Health Policy and Law. She also holds a joint appointment with Northeastern University's School of Public Policy and Urban Affairs in recognition of her national leadership in interdisciplinary thinking and problem solving on issues related to public health. In addition, she is co-editor of the law school's SSRN online publications, Human Rights and the Global Economy, and the Northeastern University School of Law Public Law and Legal Theory Paper Series. In 2016, Parmet was honored with the prestigious Jay Healey Health Law Teachers Award by the American Society of Law, Medicine & Ethics (ASLME) at its annual conference. In 2022, the American Public Health Association (APHA) Law Section selected her for its Lifetime Achievement in Public Health Law Award.

Parmet has published articles on public health, bioethics, discrimination, health law and AIDS law. She is author of *Constitutional Contagion: Covid, the Courts and Public Health* (Cambridge University Press, 2023) and *Populations, Public Health, and the Law* (Georgetown University Press, 2009); co-author of

The Health of Newcomers: Immigration, Health Policy, and the Case for Global Solidarity (NYU Press, 2017) and *Ethical Health Care* (Prentice Hall, 2005); and co-editor of *Debates on U.S. Health Care* (Sage Press, 2012).

Parmet clerked with Chief Judge Levin H. Campbell of the US Court of Appeals for the First Circuit and practiced with a large law firm prior to joining the Northeastern faculty. She is the associate editor for law and ethics for the *American Journal of Public Health*. She previously served as a member of the boards of directors (and a past president of the board) of Health Law Advocates and Health Care for All and was a member of the ABA's AIDS Coordinating Committee and Commission on Mental and Physical Disability Law.

Elizabeth Perez, M.P.H., joined Washington State's Department of Health in March 2021 from serving five years as Director of the Harris County Public Health Office of Communications, Education, and Engagement. Perez was previously a Public Health and Communication Advisor at the U.S. Department of Health and Human Services (HHS) where she managed the public engagement platforms, mobile apps, equity efforts, and campaigns for the Substance Abuse and Mental Health Services Administration and the Office of Minority Health. Prior to working at HHS, she worked at the National Coalition of Health Care, a think tank for Affordable Care Act advocacy, and in healthcare for over 10+ years. Perez holds a Master's in Health Policy and Leadership and a Health Administration, Radiation Science degrees all from Loma Linda University.

Jennifer Piatt, J.D., is a Research Scholar and faculty Co-Director of the Center for Public Health Law and Policy at the Sandra Day O'Connor College of Law, where she also teaches Health Law and Policy and Public Health Law and Ethics to J.D., LL.M., and undergraduate students. After joining the Center in September 2020, Piatt quickly developed expertise in several law and policy areas, including (1) reproductive health, (2) vaccination mandates and COVID-19 vaccination legal challenges, (3) health justice and equity, (4) emergency legal preparedness, (5) crisis standards of care (CSC), and (6) data privacy and security. Between July 2021 and July 2023, Piatt also operated as the Deputy Director of the Western Region for the Network of Public Health Law, providing legal technical assistance to state, tribal, local, and territorial audiences across the country.

Piatt is ranked above the top 2% of all downloaded authors internationally in the Social Science Research Network (SSRN). She has co-authored 2 textbook chapters on public health emergency law, and authored or co-authored over 50 articles, guidance documents, and other publications addressing a variety of public health law and policy issues, including vaccinations, COVID-19 emergency response powers, CSC, constitutional rights, and reproductive health freedoms and access. Her premier publications include articles published in the *American Journal of Public Health*, *Journal of the American Medical Association: Health Forum*, *The Lancet's eClinical Medicine*, *Journal of Law, Medicine & Ethics*, *Harvard Law's Bill of Health*, and multiple law reviews.

Megan Ranney, M.D., is an emergency physician, researcher, and national advocate for innovative approaches to public health. In July 2023, she joined Yale University as Dean of the Yale School of Public Health, where she is also the C.-E. A. Winslow Professor of Public Health.

Ranney's research focuses on developing, testing, and disseminating digital health interventions to prevent violence and related behavioral health problems, and on COVID-related risk reduction. She has held multiple national leadership roles, including as co-founder of GetUsPPE during the COVID-19 pandemic and Senior Strategic Advisor to AFFIRM at the Aspen Institute, focused on ending gun violence through a non-partisan public health approach. She was previously the Warren Alpert Endowed Professor of Emergency Medicine, Deputy Dean of the School of Public Health, and Founding Director of the Brown-Lifespan Center for Digital Health at Brown University. She is an elected member of the

National Academy of Medicine, a Fellow of the Aspen Health Innovators' Fellowship, and a member of the Aspen Global Leadership Network.

Ranney earned her bachelor's degree in history of science, graduating summa cum laude, from Harvard University; her medical doctorate, graduating Alpha Omega Alpha, from Columbia University; and her master's degree in public health from Brown University. She completed her residency in Emergency Medicine and a fellowship in Injury Prevention Research at Brown University.

Jill Hunsaker Ryan, M.P.H., is Executive Director of the Colorado Department of Health and Environment. Ms. Ryan is a public health professional with nearly 30 years of experience in the field. She was appointed to Governor Polis's cabinet in January 2019. She has been a local public health agency director, the vice president of the Colorado Board of Health, and the previous director of the Department's Office of Health Disparities (now the Office of Health Equity). Ryan served as an Eagle County Commissioner from 2013-2019, during which time she was president of both the Colorado Communities for Climate Action (CC4CA) and Counties and Commissioners Acting Together (CCAT).

In 2020, Ryan received the Albert Nelson Marquis Lifetime Achievement Award and the Denver Business Journal's "Outstanding Women in Business" award for the health sector. In 2021, CiviCO honored Ryan with the Colorado Governors' COVID-19 Heroes Award as an official who helped successfully lead Colorado's pandemic response. In 2023, Ryan received Denver Business Journal's "Most Admired CEO" award.

Joshua Sharfstein, M.D., is Professor of the Practice in Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health, where he also serves as Vice Dean for Public Health Practice and Community Engagement and as Director of the Bloomberg American Health Initiative.

A pediatrician by training, Sharfstein is a former health commissioner of Baltimore, Principal Deputy Commissioner of the U.S. Food and Drug Administration, and health secretary of Maryland. He is an elected member of the National Academy of Medicine and the National Academy of Public Administration.

Sharfstein is the author of *The Public Health Crisis Survival Guide: Leadership and Management in Trying Times*, published in 2018, and the co-author of the *Opioid Epidemic: What Everyone Needs to Know*, published in 2019, both from Oxford University Press. He lives in Baltimore, Maryland.

Joseph Smyser, Ph.D., is the Chief Executive Officer of the Public Good Project.

Smyser has created the strategies for several of the world's largest and most successful behavior change campaigns and programs. The methodologies he has championed, such as media monitoring for disease surveillance, disseminating health information through community influencers and organizations, and rigorous peer-review regardless of a program's scale, are now widely recognized as best practices. He is an advocate for leveraging the tools and techniques of private industry for public health, increasing public-private partnerships, and fostering private industry innovation for the public good.

Smyser's academic background includes a Ph.D. and masters in public health and a postdoc at the U.S. Centers for Disease Control and Prevention through its evaluation fellowship. Additionally, he interned at the U.S. Food and Drug Administration within the Office of International Programs. He is a returned Peace Corps volunteer, having served in Swaziland.

Rebecca Sunenshine, M.D., is the Medical Director for Disease Control at Maricopa County Health Department and a Captain in the US Public Health Service. As a Center for Disease Control and

Prevention (CDC) Career Epidemiology Field Officer assigned to Arizona since July 2006, she has served at the Arizona Department of Health Services for 4 years and Maricopa County Department of Public Health since 2010. She is trained in internal medicine and infectious diseases at Oregon Health & Science University, and she completed her CDC Epidemic Intelligence Service Fellowship in 2006 with the Division of Healthcare Quality Promotion. Her research and publications focus on infectious disease epidemiology, coccidioidomycosis, infection control, and multidrug resistant organisms.

Gregory Sunshine, J.D., serves as the lead for legal preparedness and response for the Centers for Disease Control and Prevention's (CDC) Office of Public Health Law Services in the Public Health Infrastructure Center's Division of Partnership Support. He provides capacity-building assistance to the field and CDC by conducting research to identify legal preparedness priorities and best practices, developing and disseminating free legal preparedness trainings, workshops, and presentations, and giving subject matter expertise to support emergency preparedness and response activities. In 2018, Sunshine was named as a fellow for the Johns Hopkins Center for Health Security's Emerging Leaders in Biosecurity Initiative. In 2020 and 2021, Sunshine led the Mitigation Policy Analysis Unit on CDC's COVID-19 Community Intervention and Critical Populations Task Force.

Sunshine earned his J.D. with a certificate in Health Law from the University of Maryland School of Law and his Bachelor of Arts in Political Science from Dickinson College. Prior to coming to CDC, Sunshine coordinated bioterrorism preparedness for the Baltimore City Health Department.

Tener Veenema, Ph.D., is Senior Scholar at the Johns Hopkins Center for Health Security and a Senior Scientist in the Department of Environmental Health and Engineering at the Johns Hopkins Bloomberg School of Public Health. At the Center, she designs and leads research projects to explore health systems optimization and healthcare worker protection during disasters and large-scale biological events. As an internationally recognized expert in disaster nursing and public health emergency preparedness, she has served as Senior Scientist to the Department of Health and Human Services (HHS) Office of Human Services Emergency Preparedness and Response (OHSEPR), the Department of Homeland Security (DHS), the Department of Veterans Affairs (VA) Veterans Emergency Management Evaluation Center (VEMEC), and the Federal Emergency Management Agency (FEMA). Her program of research focuses on informing evidence-based policy related to health care systems and public health response for global catastrophic events such as pandemics and radiation/nuclear disasters. She has conducted national workforce analyses evaluating emergency healthcare worker readiness and coordination of acute and public health systems for disaster response on behalf of the Ministries of Health in Ireland and Japan and in the United States.

An accomplished scholar and researcher, Veenema is an elected member of the National Academy of Medicine (NAM), and an elected Fellow in the American Academy of Nursing, the National Academies of Practice, and the Royal College of Surgeons, Faculty of Nursing & Midwifery, Dublin, Ireland. At the National Academy of Medicine, Veenema is a member of the Forum on Medical and Public Health Preparedness and the Disaster Research Action Collaborative, and she serves as Chair of the Standing Committee for the Center for Disease Control and Prevention Center for Preparedness and Response. Her work with the National Academy of Medicine has impacted national awareness and understanding of Crisis Standards of Care, federal capabilities for the Medical Countermeasure Enterprise, and respiratory protections for healthcare workers. During the COVID-19 pandemic, she served as Senior Advisor to the American Association of Colleges of Nursing.

Veenema is an expert in workforce development and has taught public health preparedness for more than 25 years. She is the author of 4 national e-learning courses in public health preparedness for healthcare providers (Coursera, Elsevier, MC Strategies, American Red Cross). She serves as Associate Editor of the peer-reviewed journal Health Security and Editor of Disaster Nursing and Emergency

Preparedness for Chemical, Biological and Radiological Terrorism and Other Hazards, 4th Ed., the leading textbook in the field. She also developed Disaster Nursing, a digital app to provide decision support at the point of care during disasters. Veenema served on the American Red Cross National Scientific Advisory Board for 10 years. As a member of the World Society for Disaster Nursing, she worked with colleagues at the International Council of Nurses (ICN) to write the ICN Disaster Nursing Competencies, version 2.0. She was awarded the Florence Nightingale Medal of Honor (2013, International Red Crescent), the highest international award in nursing for her professional service in disasters and public health emergencies. She received a Fulbright US Scholar Award (2017), was selected as Visiting Research Scholar to Torrens Disaster Institute (Australia, 2017) and New York University (2018), and received a lifetime achievement award from Columbia University School of Nursing (2019). Veenema was recently awarded the 2022 McGovern Lectureship by the American Association of Colleges of Nursing.

Veenema received master's degrees in nursing administration (1992), pediatrics (1993), and public health (1999) and a Ph.D. in health services research and policy (2001) from the University of Rochester School of Medicine and Dentistry. Veenema served as the National Academy of Medicine (NAM) 2017-18 Distinguished Nurse Scholar-in-Residence.

Lindsay Wiley, J.D., is a professor of law and Faculty Director of the Health Law and Policy Program at UCLA Law where she teaches torts and various health law courses. Her research focuses on access to health care and healthy living conditions in the U.S. and globally. She is the author of *Public Health Law: Power, Duty, Restraint and Public Health Law and Ethics: A Reader* (with Lawrence O. Gostin) and the forthcoming *Feminist Judgments: Health Law Rewritten* (with Seema Mohapatra).

Wiley is the U.S. Rapporteur for the Lex-Atlas Covid-19 Project, a global project comparing responses to Covid-19, sponsored by the University College London, King's College London, and the Max Planck Institute of Comparative Public Law and International Law in Heidelberg, Germany. She is the Founder and Co-Chair of the Health Justice: Engaging Critical Perspectives in Health Initiative cosponsored by ChangeLab Solutions, LLC, the Institute for Healing Justice and Equity, and the Satcher Health Leadership Institute. She has served as a member of and consultant to committees convened by the National Academies of Science, Engineering, and Medicine related to public health emergency response and federal communicable disease control powers. She is a current member of the Board of Directors of ChangeLab Solutions, LLC, a former president and member of the Board of Directors of the American Society of Law, Medicine, and Ethics, and a former member of the National Conference of Lawyers and Scientists, a joint standing committee of the American Association for the Advancement of Science and the American Bar Association's Section of Science and Technology Law.

Wiley has held positions at American University Washington College of Law, the O'Neill Institute for National and Global Health Law at Georgetown University, the Center for Law and the Public's Health at the Johns Hopkins Bloomberg School of Public Health, and Gordon, Feinblatt, Rothman LLC in Baltimore, MD.

Anne Zink, M.D., was Chief Medical Officer of the state of Alaska from 2019 to 2024. She also held the position of president of ASTHO, the Association of State and Territorial Health Officers, from 2022 to 2023. Zink has a keen interest in using informatics and patient-centered partnerships to merge public health and healthcare systems, thereby improving both individual and population health. During her tenure, Zink guided Alaska through the COVID-19 pandemic, achieving some of the lowest case fatality rates in the country, the highest testing per capita early in the pandemic, and the quickest vaccination rollout in the middle of winter across a state larger than Montana, California, and Texas combined. Additionally, she and her team led the restructuring of the State of Alaska's largest department, the Department of Health and Social Services, into two more efficient agencies. She directed the state's efforts on Complex Care, contributed to the creation of the Healthy Alaskans

Initiative, and enhanced mental health services across the state, among other accomplishments. Zink's work is informed by her ongoing clinical role as a practicing emergency medicine physician, where she directly observes the effects of policies on patients.